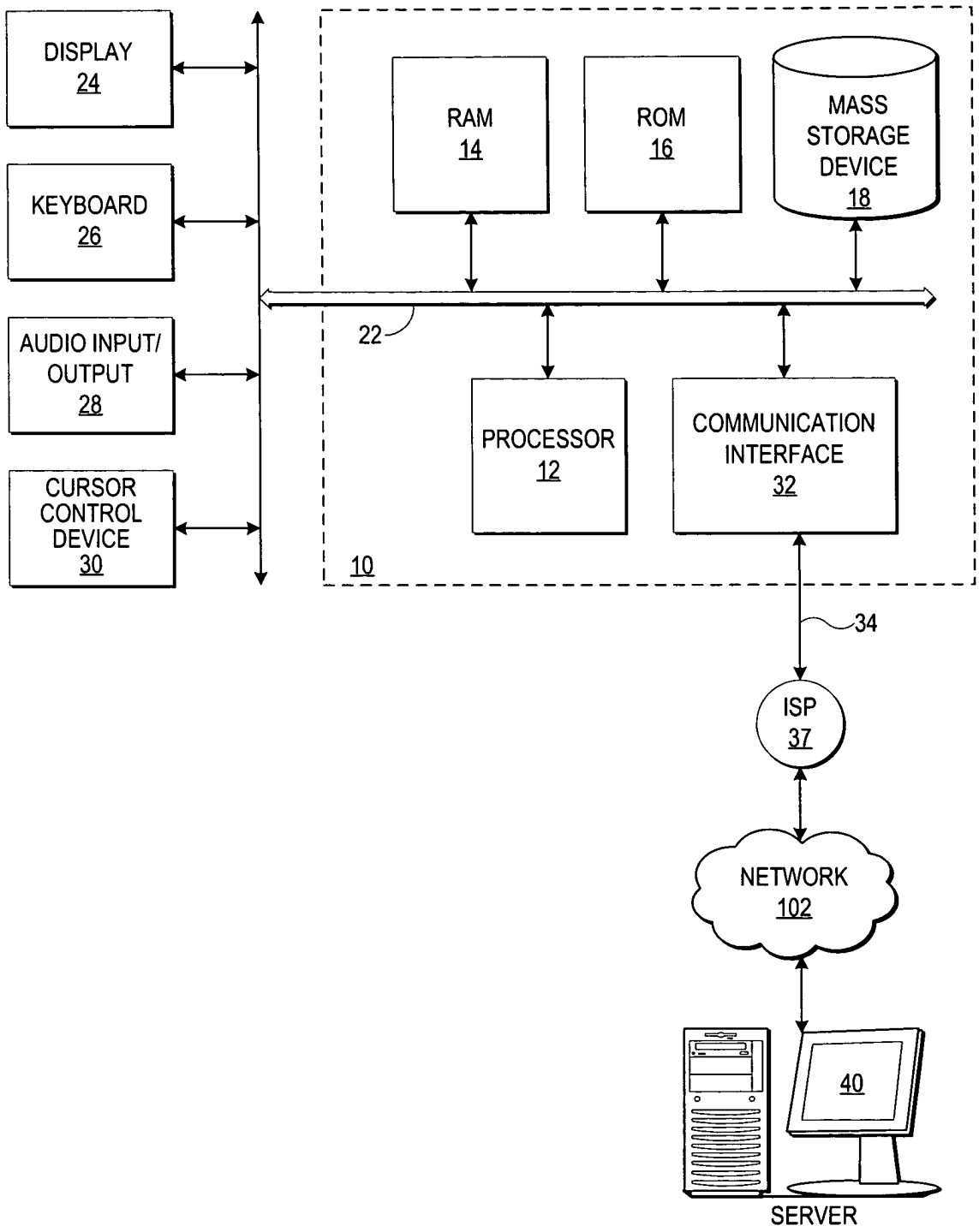

DISPLAY
24
KEYBOARD
26
AUDIO INPUT/
OUTPUT
28
CURSOR
CONTROL
DEVICE
30
RAM
14
ROM
16
MASS
STORAGE
DEVICE
18
22
PROCESSOR
12
COMMUNICATION
INTERFACE
32
10
34
ISP
37
NETWORK
102
40
SERVER

Fig. 1

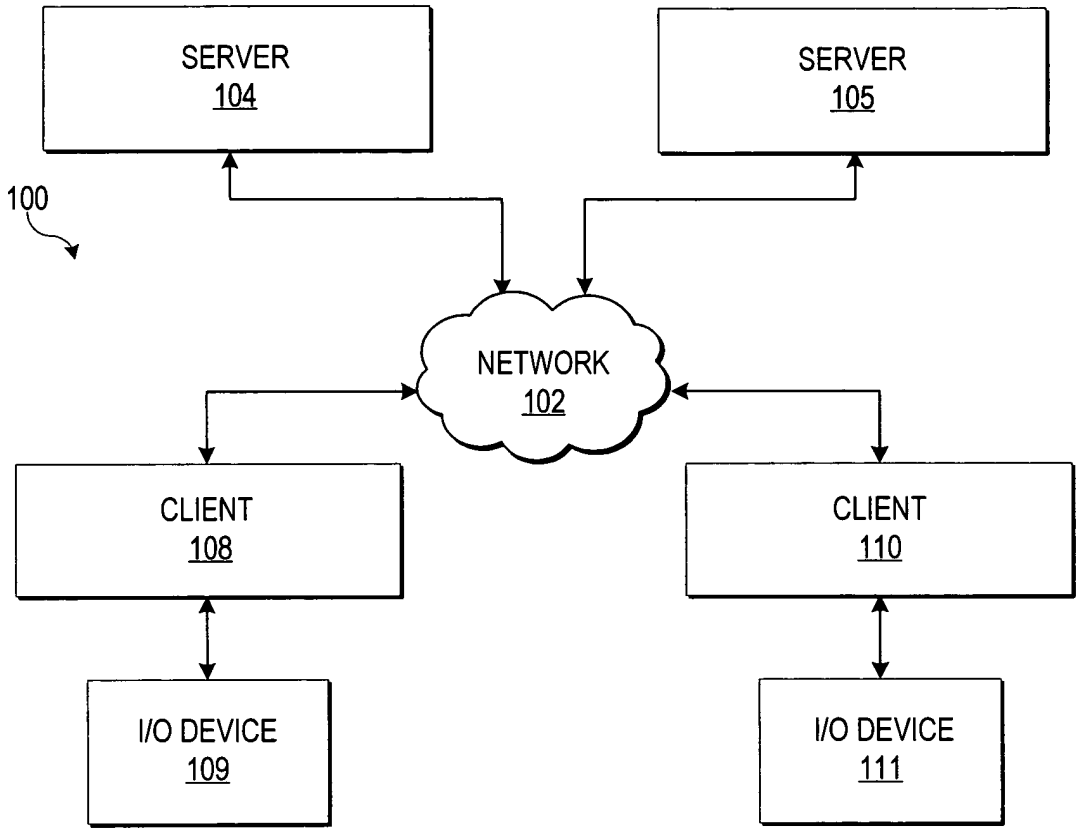

SERVER
104
SERVER
105
100
NETWORK
102
CLIENT
108
CLIENT
110
I/O DEVICE
109
I/O DEVICE
111

Fig. 2

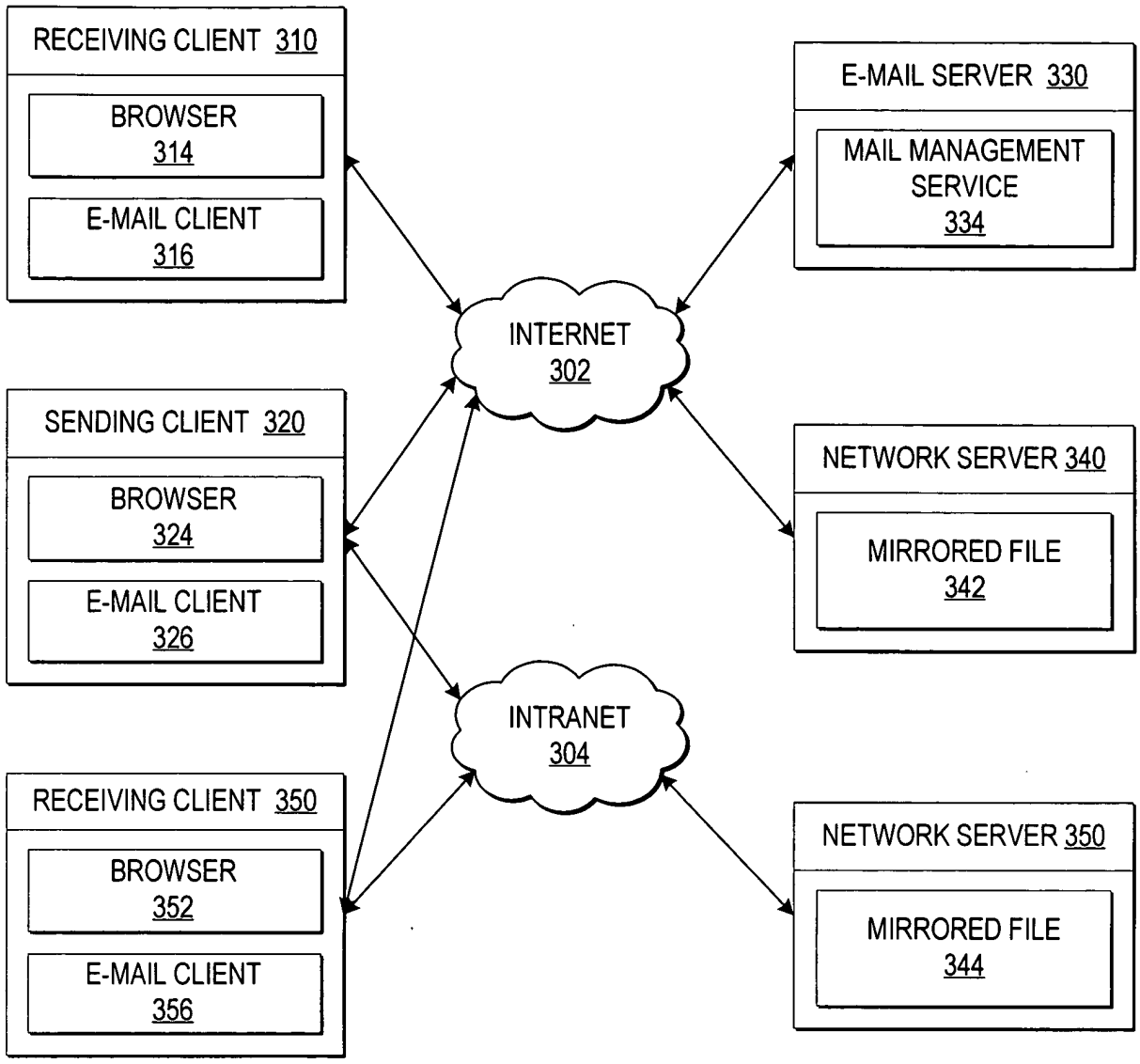

RECEIVING CLIENT 310
BROWSER 314
E-MAIL CLIENT 316
SENDING CLIENT 320
BROWSER 324
E-MAIL CLIENT 326
RECEIVING CLIENT 350
BROWSER 352
E-MAIL CLIENT 356
INTERNET 302
INTRANET 304
E-MAIL SERVER 330
MAIL MANAGEMENT SERVICE 334
NETWORK SERVER 340
MIRRORED FILE 342
NETWORK SERVER 350
MIRRORED FILE 344

Fig. 3

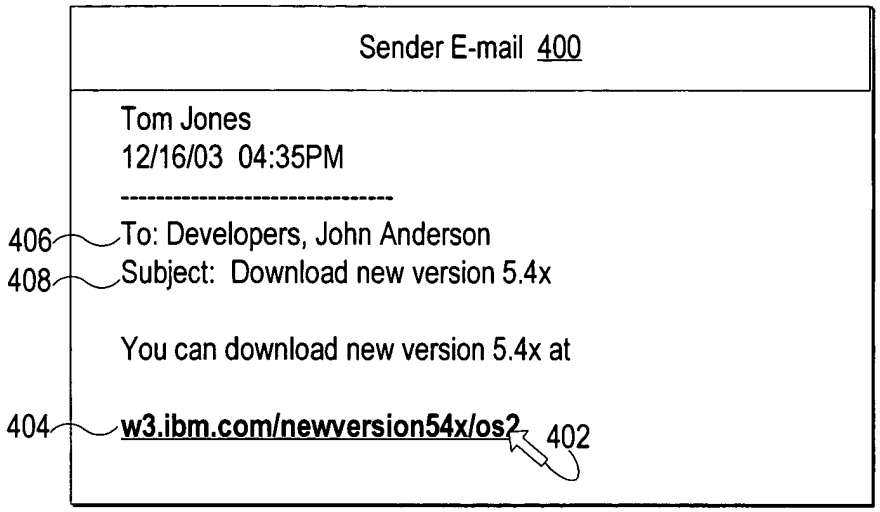

Sender E-mail 400
Tom Jones
12/16/03 04:35PM
406
To: Developers, John Anderson
408
Subject: Download new version 5.4x
You can download new version 5.4x at
404
w3.ibm.com/newversion54x/os2
402

Fig. 4A

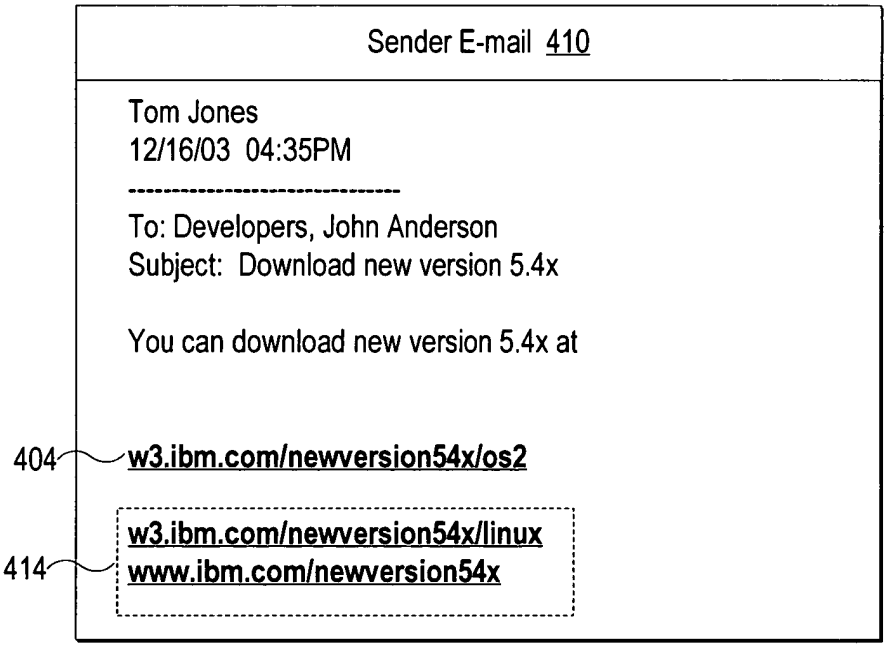

Sender E-mail 410
Tom Jones
12/16/03 04:35PM
To: Developers, John Anderson
Subject: Download new version 5.4x
You can download new version 5.4x at
404
w3.ibm.com/newversion54x/os2
414
w3.ibm.com/newversion54x/linux
www.ibm.com/newversion54x

Fig. 4B

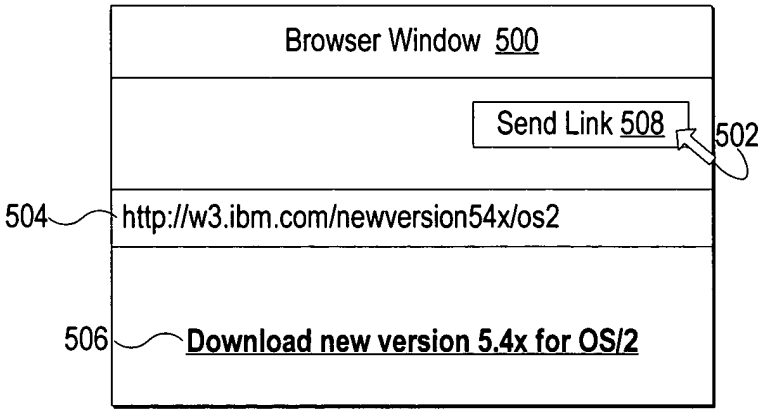
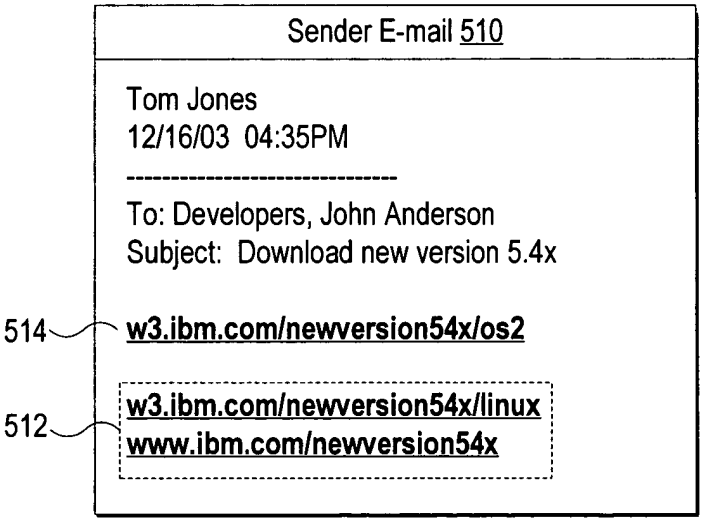
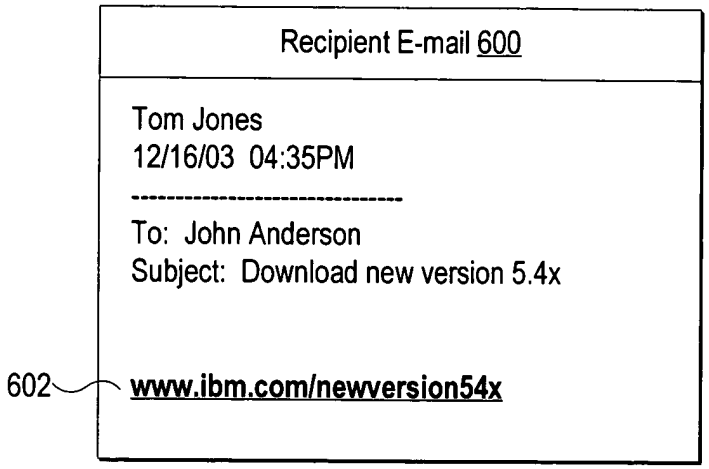

Browser Window 500
Send Link 508
502
504
http://w3.ibm.com/newversion54x/os2
506
Download new version 5.4x for OS/2

Fig. 5A


Sender E-mail 510
Tom Jones
12/16/03 04:35PM

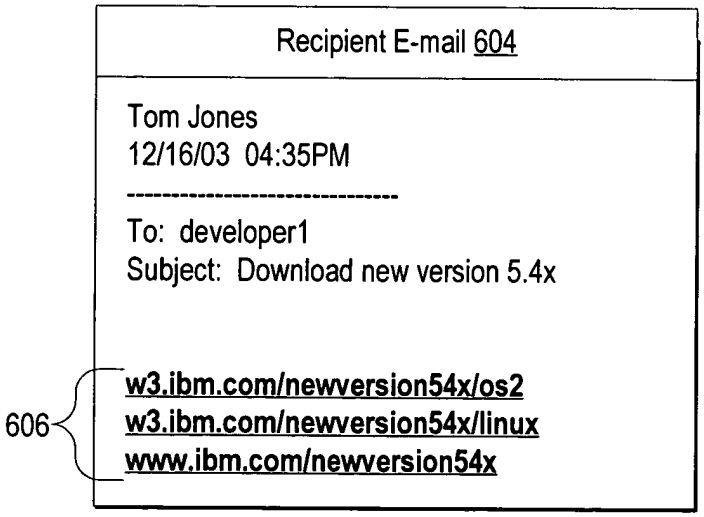
To: Developers, John Anderson
Subject: Download new version 5.4x
514
w3.ibm.com/newversion54x/os2
512
w3.ibm.com/newversion54x/linux
www.ibm.com/newversion54x

Fig. 5B


Recipient E-mail 600
Tom Jones
12/16/03 04:35PM

To: John Anderson
Subject: Download new version 5.4x
602
www.ibm.com/newversion54x

Fig. 6A


Recipient E-mail 604
Tom Jones
12/16/03 04:35PM

To: developer1
Subject: Download new version 5.4x
606
w3.ibm.com/newversion54x/os2
w3.ibm.com/newversion54x/linux
www.ibm.com/newversion54x

Fig. 6B

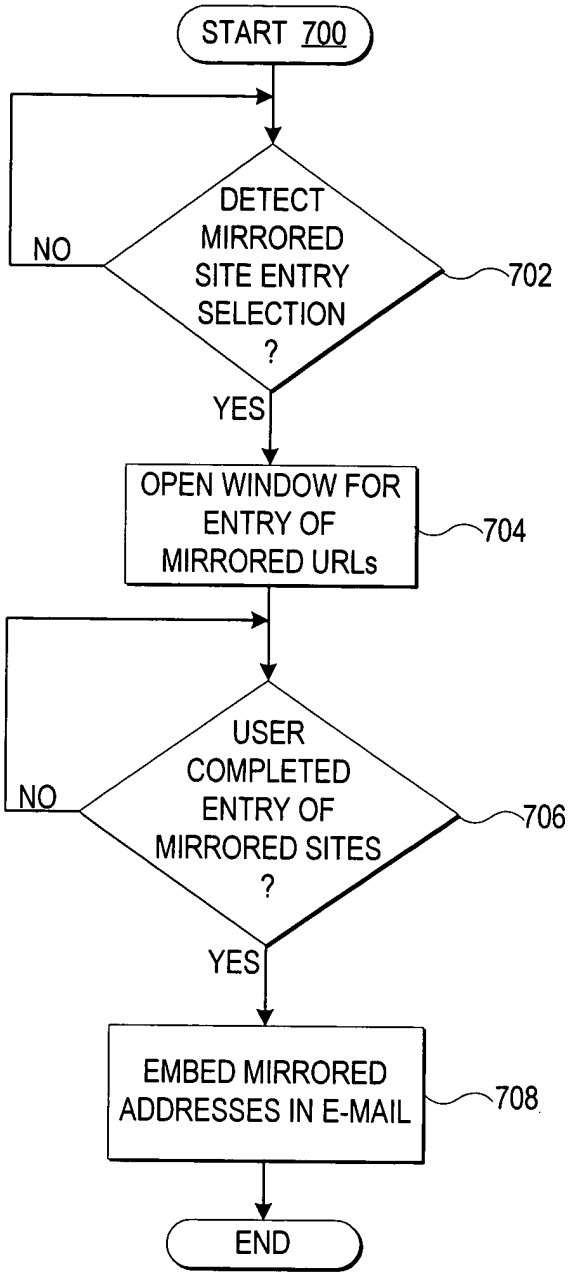

START 700
DETECT MIRRORED SITE ENTRY SELECTION ?
NO
YES
702
OPEN WINDOW FOR ENTRY OF MIRRORED URLs
704
USER COMPLETED ENTRY OF MIRRORED SITES ?
NO
YES
706
EMBED MIRRORED ADDRESSES IN E-MAIL
708
END

Fig. 7

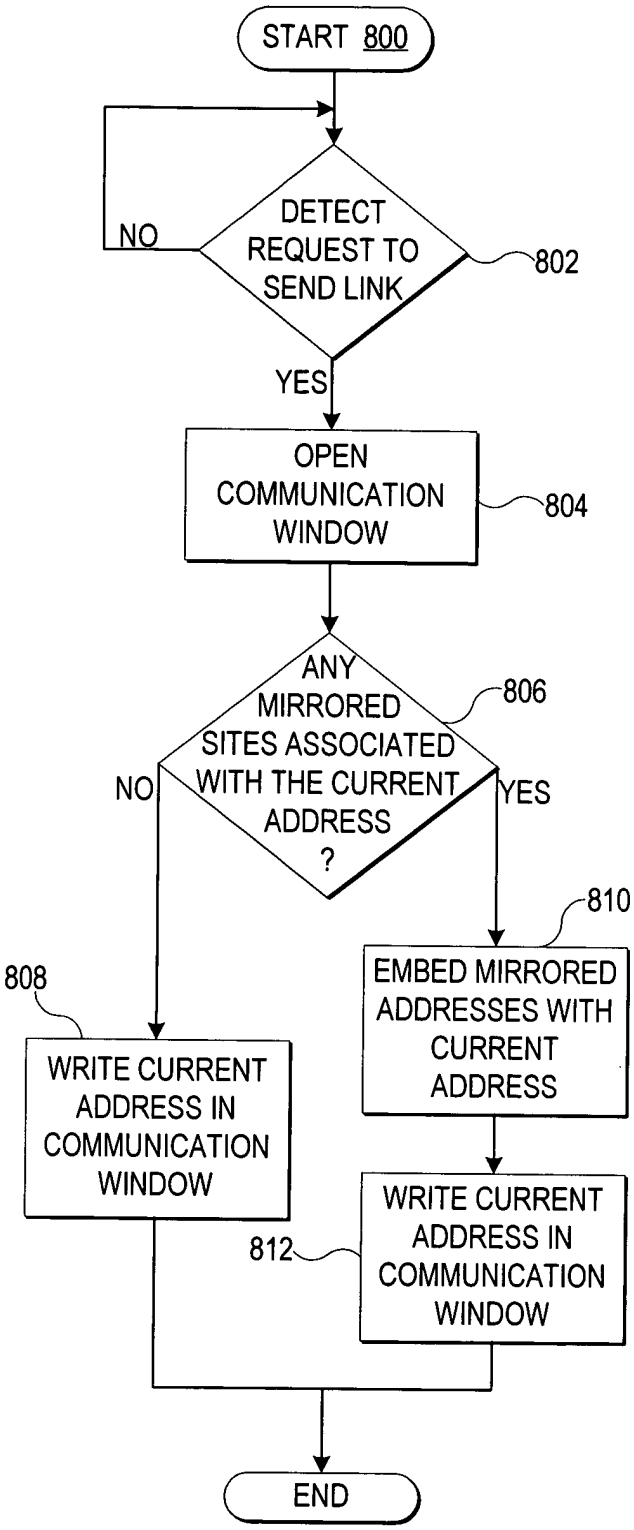

START 800
DETECT REQUEST TO SEND LINK
NO
YES
802
OPEN COMMUNICATION WINDOW
804
ANY MIRRORED SITES ASSOCIATED WITH THE CURRENT ADDRESS ?
NO
YES
806
808
WRITE CURRENT ADDRESS IN COMMUNICATION WINDOW
810
EMBED MIRRORED ADDRESSES WITH CURRENT ADDRESS
812
WRITE CURRENT ADDRESS IN COMMUNICATION WINDOW
END

Fig. 8

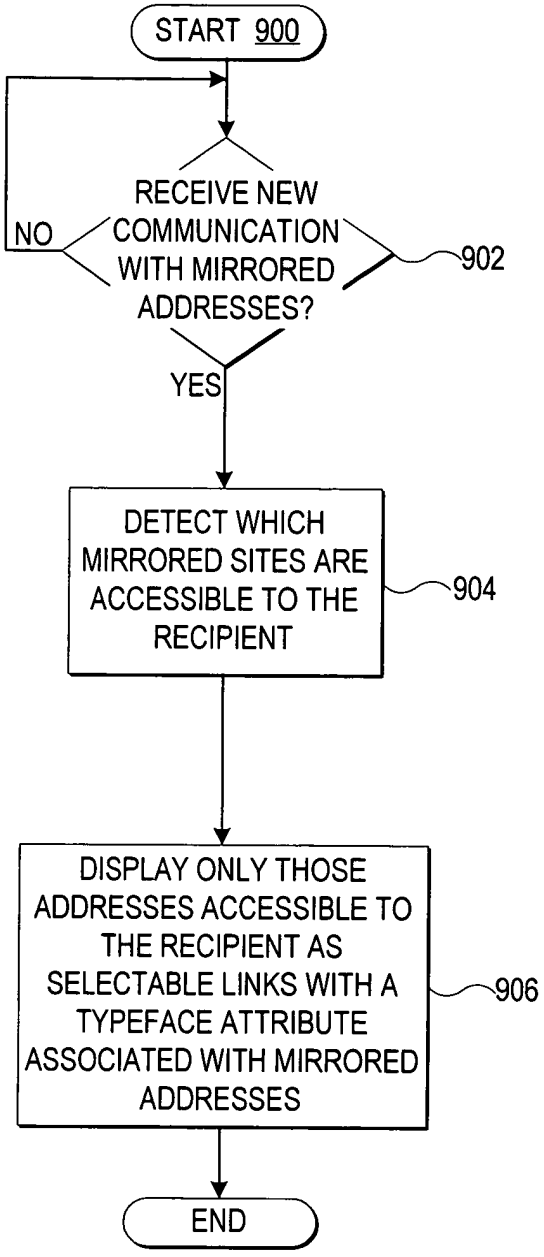

START 900
RECEIVE NEW COMMUNICATION WITH MIRRORED ADDRESSES?
NO
YES
902
DETECT WHICH MIRRORED SITES ARE ACCESSIBLE TO THE RECIPIENT
904
DISPLAY ONLY THOSE ADDRESSES ACCESSIBLE TO THE RECIPIENT AS SELECTABLE LINKS WITH A TYPEFACE ATTRIBUTE ASSOCIATED WITH MIRRORED ADDRESSES
906
END

Fig. 9

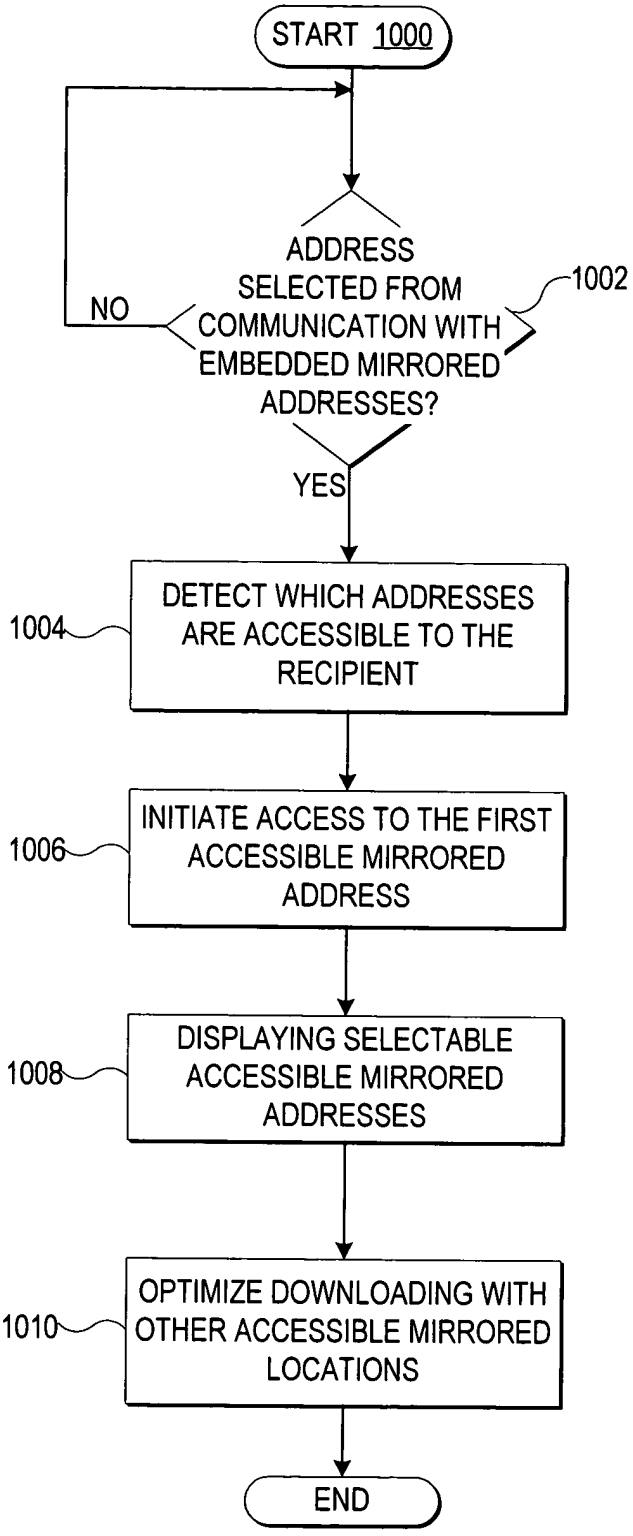

START 1000
ADDRESS SELECTED FROM COMMUNICATION WITH EMBEDDED MIRRORED ADDRESSES?
NO
YES
1002
1004
DETECT WHICH ADDRESSES ARE ACCESSIBLE TO THE RECIPIENT
1006
INITIATE ACCESS TO THE FIRST ACCESSIBLE MIRRORED ADDRESS
1008
DISPLAYING SELECTABLE ACCESSIBLE MIRRORED ADDRESSES
1010
OPTIMIZE DOWNLOADING WITH OTHER ACCESSIBLE MIRRORED LOCATIONS
END

Fig. 10